

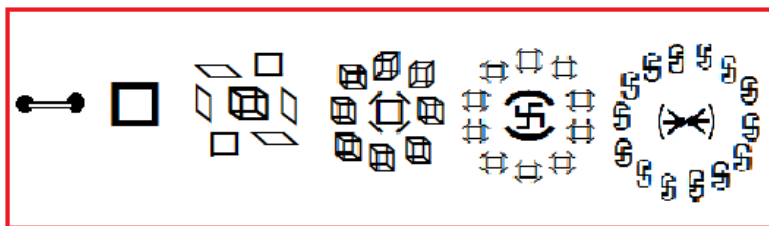
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VEDIC MATHEMATICS

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MODERN MATHEMATICS

SATHAPATYA MEASURING ROD



(HYPER CUBES 1 TO 6)

Eighth Week : Day 6

Introductory

Keywords

Numbers, counts, measures, Numbers theory

Statement

Artifices of numbers presume the Existence of geometric formats while dimensional frames presume the existence of artifices of numbers

I

Chase Along Line format

1. Sankhiya Nishtha and Yoga Nishtha are the pair of established processing systems.
2. Sankhiya Nishtha presumes the existence of geometric formats and avails artifices of numbers.
3. Yoga Nishtha presumes the existence of artifices of numbers and avails dimensional frames.
4. Sankhiya Nishtha and Yoga Nishtha run parallel to each other and they are complementary and supplementary of each other at each processing step.
5. As such young minds, better be exposed to numbers along a line to be designated as numbers line.
6. Line may be availed as a format for setting of points and points may be taken as placements seats of numbers.
7. For Counting numbers placements, beginning may be had by having a start from any point along a line.
8. Exhaustive chase for the line on given side of the starting point may be attempted by continuing point after point in reference to the starting point towards the chosen side therefrom.
9. Neither the line would exhaust nor the supply of the count will end.

10. Likewise this exercise may be had towards other side of the line as well in reference to the given starting point
11. The point subsequent to the starting point towards it first side, and the point prior to the starting point, on other side of the starting point, will make available a set of triple points with starting point as the middle point of the pair of points, on its either side.
12. The reach at middle of the given pair of points will help us structure next generation counts / counting numbers.
13. One may have a pause here and have a fresh visit to the above emerging second generation counts.
14. It would be a blissful to comprehend the values feature of the count of second generation counting numbers in reference to the value of the count of start with (first generation) counts / counting numbers.
15. Point as a 0-space constituents / the point devoid of length, and the point of a line as constituents of line / 1-space domain / line, shall be bringing us face to face with a structurally different pair of points.
16. NVF (Points), NVF (Online), NVF (Straight) = NVF (Two space)
17. $1 = 1 \times 1$
18. One may have a pause here and take note that how the above features bring to focus the values of numbers along geometric formats.
19. TCV (एक) = 08 and TCV (शून्य) = 18 further bring us face to face with the organization of the values of numbers
20. The chase of values of numbers in terms of the Ganita Sutras will help us acquire deep insight and enlightened vision about values of numbers as these manifest and organize availing geometric formats
21. Organization format and working rules of Ganita Sutras themselves as well avail values of numbers and of dimensional spaces unfolding simultaneously parallel to each other .
22. Present day approach to numbers and Vedic Systems approach to numbers, that way are characteristically different from the very beginning state itself but at various points those go parallel, as ultimately the values of numbers are being chased.
23. However the Vedic systems approach because of availability of geometric formats for manifestation of values of numbers makes the Vedic approach being of more natural and specific and same is of the features which go parallel to the comprehension catch features for the innocence states of young minds.
24. Moreover, this approach as the inherent potentiality to go parallel to the progression line of the mental states of human brain.
25. It is this inherent feature of Vedic Mathematics which ensures smooth progression for the intelligence field within human mind
26. And the step further the emergence of consciousness fields at the core of intelligence field, as well marks its progression line of its natural emergence format for consciousness impulses in between the pair of intelligence bits.

II

Triple points fixation of vertical line

27. The chase is to be had along the vertical line.
28. It is to be of the feature of triple points fixation of vertical line.

29. The starting point to be fixed along the vertical line.
30. With it the upper part and lower part shall be taken as a split for the vertical line into a pair of parts.
31. The starting point be taken as the middle point of the pair of points, one each along the upper part and lower part respectively.
32. The point along the lower part be taken as of along positive orientation.
33. The point of the upper part be taken as along negative orientation.
34. The middle point to be taken as of neutral orientation of zero value point.
35. The triple points set up of the vertical line portion to be designated as an interval of two parts.
36. The middle point becomes the maxima of the values of upper part of the interval.
37. Simultaneously the middle part becomes the minima of the value of the lower part of the interval.
38. Middle points as such becomes the minima of the positive orientation interval portion values, as well as the maxima of the negative orientation portion of the interval.
39. One may have a pause here and take note that the above organization format of interval of two parts makes the middle point as the common ment for the minimum of the lower part and maxima of the upper part
40. This makes the middle point as the common ment as a common seat of the placement for the pair of points.
41. One may have a pause here and take note that the zero value points as zero space bodies shall be synthesizing 2-space.
42. One may further have a pause here and take note that each part of interval, as an interval shall be accepting format of hyper cube-1.
43. Hyper cube-1 format is of four folds as four fold manifestation layer (-1, 0, 1, 2).
44. 1-Space in the role of dimension and as a pair of linear dimensions synthesize 3-Space.
45. One may have a pause here and take note that the sequential surfacing of linear, spatial and solid orders shall be leading to linear, spatial and solid measures, Real numbers line, complex number surface and transcendental number space deserve to be comprehended along the linear, spatial and solid measures formats.
46. Hyper measures format shall be leading to hyper numbers systems

III

Pair of lines format

47. The Arithmetic operations avail pair of lines format.
48. The script formats of four basic operations (+, x, -, /) deserve to be visited and revisited to comprehend and appreciate respective geometric formats.
49. Handling of a pair of paired lines in terms of triple lines is of the format which deserve to be comprehended well for its through appreciation and for complete imbibing of his values to acquire deep insight and enlightened vision of the Arithmetic operations as operations of artifices of numbers parallel to dimensions of dimensional frames.
50. One may have a pause here and permit the transcending mind to revisit and to glimpse and imbibe the features of Vedic Mathematics

approach of availing artifices of numbers along geometric formats.

51. It would be a blissful exercise to enlist the features of this format and to evaluate one's own comprehension and imbibing of the same.
52. The static placements of the points on the line and dynamic flow of points along the line are the two distinct formats.
53. The dynamic flow format avails placements, shift in placements, the measures in between the pair of placements and the directions of flow in terms of the direction of third line crossing the pair of lines.
54. The measures of flow with features of measures of time and the cross bridging of pair of lines to third line as measures of directions carry along with them the values of number availing the formats of the respective lines.
55. Pair of lines and the surfacing between and the third line having fixation as a vertical line to the surface in terms of triple points with middle point having placement at the surface marking its presence along both faces of the surface yields the requisite format for transcendence of two folds as transcendence downward as well as ascendance upward along the manifestation formats of hyper cubes of linear, spatial and solid, as well as hyper solid orders.
56. This brings into creator space (4-space) of spatial order unifying not only addition and multiplication operations but also the super imposition of orientations as well as coordinating horizontal and vertical reflection pairing of features like (01, 10) and $(2^4, 4^2)$.

57. This goes parallel to the exhaustive coverage for all the 31 components of the set up of the cube, as well as for the spatial order of its origin and providing transcendence from the solid boundary to the hyper solid domain to the transcendental origin leading to self referral (6-space) format and unifying as a unity state for its flow into eight fold nature.

Dr. S. K. Kapoor, *Ved Ratan* ■